

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	132	mosfet and sige adj channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 10:27
S3	191	germanium adj implant or germanium adj implantation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 10:29
S4	8	S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 10:29
S5	31	sige adj mosfet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 10:45
S6	92	silicon adj germanium and multi adj quantum	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 15:55
S7	13	germanium adj implant\$5 and channel adj implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 10:51
S8	2	"6621131".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 10:52
S9	6	("6621131").URPN.	USPAT	OR	ON	2005/08/23 10:57

## EAST Search History

S10	2164	channel adj implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 15:55
S12	33483	silicon adj germanium or SiGe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 16:00
S13	170	S10 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 16:41
S14	3706	mosfet and (sige or silicon adj germanium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 16:41
S15	98	channel adj implant\$5 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 16:46
S16	3967	crystalline or crystalization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 16:46
S17	33483	silicon adj germanium or SiGe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 16:46
S18	67	S16 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 16:54

## EAST Search History

S19	2120	amorphous adj (silicon adj germanium or SiGe)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 17:00
S20	199	S19 and mosfet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 16:56
S21	902	S19 and source and drain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 17:09
S22	79	crystalline adj germanium and amorphous adj germanium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/23 17:09
S23	396097	crystalline or crystalization or crystalline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/24 08:37
S24	307	germanium adj implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/24 13:44
S25	29735	implant\$5 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/24 08:35
S26	409	germanium near4 implant\$5 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/24 08:35

## EAST Search History

S27	29735	S23 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/24 08:38
S28	33483	silicon adj germanium or SiGe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/24 08:38
S29	3691	S27 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/24 12:48
S30	63030	amorphous adj (Si or silicon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/24 12:49
S31	58	S23 and S30 and (Ge or germanium) adj implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/24 12:50
S32	45	("4046618"   "4272880"   "4381201"   "4710478"   "4849033"   "4975387"   "4994866"   "4996574"   "5008211"   "5019882"   "5036374"   "5041884"   "5128732"   "5155571"   "5321286"   "5346834"   "5414288"   "5420048"   "5451798"   "5461250"   "5482877"   "5497019"   "5554870"   "5581101"   "5591653"   "5612552"   "5675185"   "5683934"   "5689136"   "5753541"   "5766989"   "5821149"   "5856225"   "5910015"   "5936280"   "5981345"   "5985703"   "6031269"   "6130367"   "6172381"   "6190975"   "6232622"   "6310367"   "6319799"   "6350311").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/24 13:27
S33	6	S32 and amorphous and S23 and (germanium or Ge)	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/24 13:26

## EAST Search History

S34	396	multi adj crystalline	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/24 13:50
S35	0	germanium adj implant\$5 and S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/24 13:46
S36	117	germanium adj implant\$5 and epitaxial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/24 13:53
S37	504	strain\$4 adj silicon adj germanium or strain\$4 adj SiGe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/24 15:13
S38	15	germanium adj implant\$5 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/24 13:55
S40	1125	lattice adj (mis-match or mismatch) and silicon and germanium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/24 15:18
S41	626	S40 and implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/24 15:19
S42	385	"5" adj kev and germanium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 09:49

## EAST Search History

S43	52	"4" adj kev and germanium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 09:43
S44	0	gemanium adj implant\$5 and S42 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 09:43
S45	25	"5" adj kev and germanium adj implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 09:51
S46	171659	gate adj electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 10:27
S47	171659	gate adj electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 10:27
S48	1086	germanium adj concentrat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 10:27
S49	268	S47 and S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 10:28
S50	368122	grade	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 10:28

## EAST Search History

S51	1	S49 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 10:28
S53	59730	graded	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 10:29
S54	38	S49 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 10:40
S55	59906	high\$3 near4 top	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 10:29
S56	4	S54 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 10:29
S57	159574	implant or dop or dopping	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 10:40
S58	246	S48 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 10:40
S59	62	S58 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 15:20

## EAST Search History

S60	4	("5650350") or ("6117721")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/20 15:33
S61	254	(438/520,544,930).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/20 15:34
S62	35	S61 and germanium and concentration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 15:38
S63	1	S61 and germanium and graded	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 15:34
S64	123	S61 and implant\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 15:38
S65	1	S64 and germanium and graded	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 15:38
S66	10	S64 and germanium and concentration near5 surface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/20 15:39